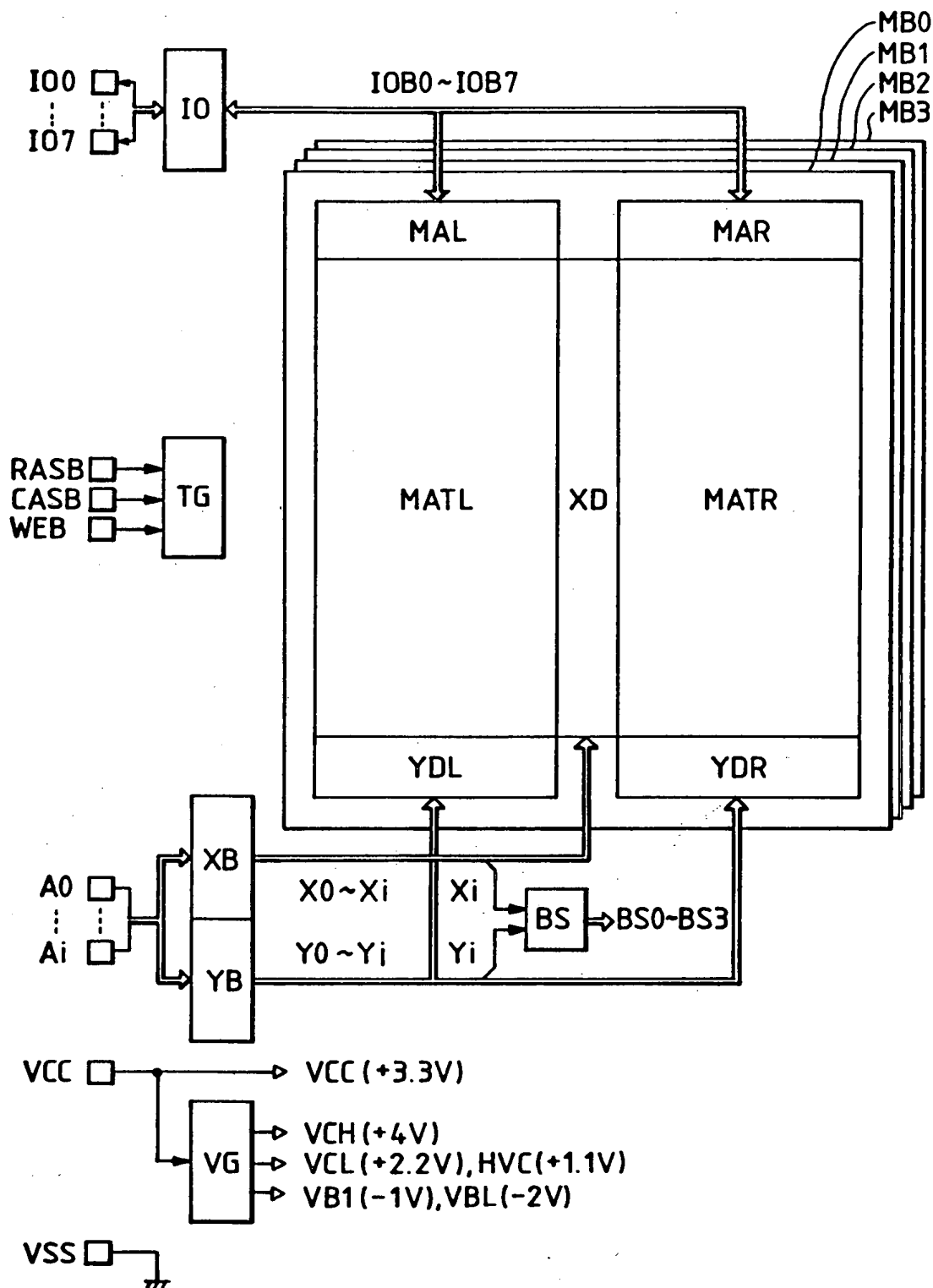
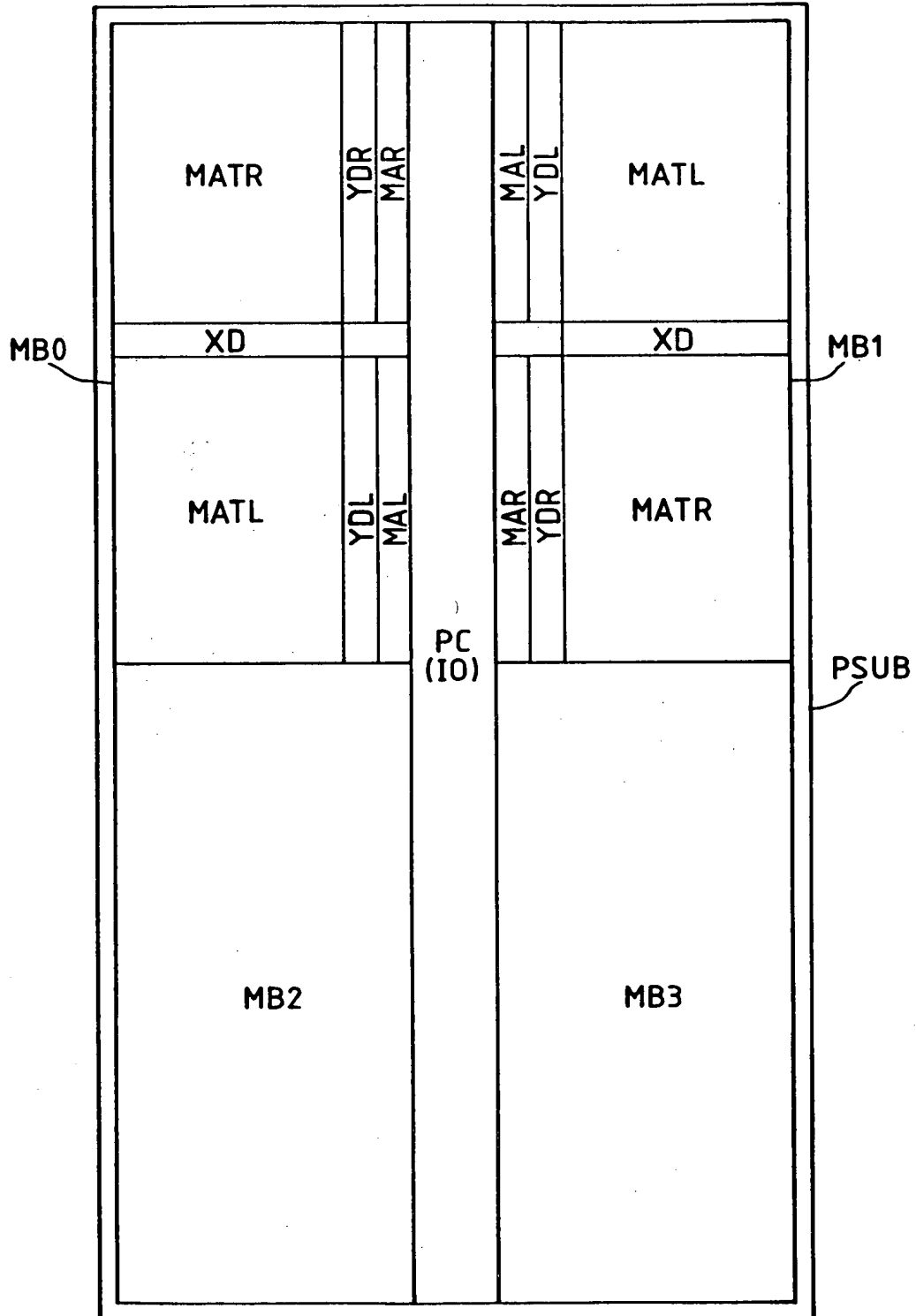


FIG. 1



| | | |
|-----------|-----------|----------|
| APPROVED | C.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

FIG. 2



| | | |
|-----------|-----------|----------|
| APPROVED | C.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

FIG. 3

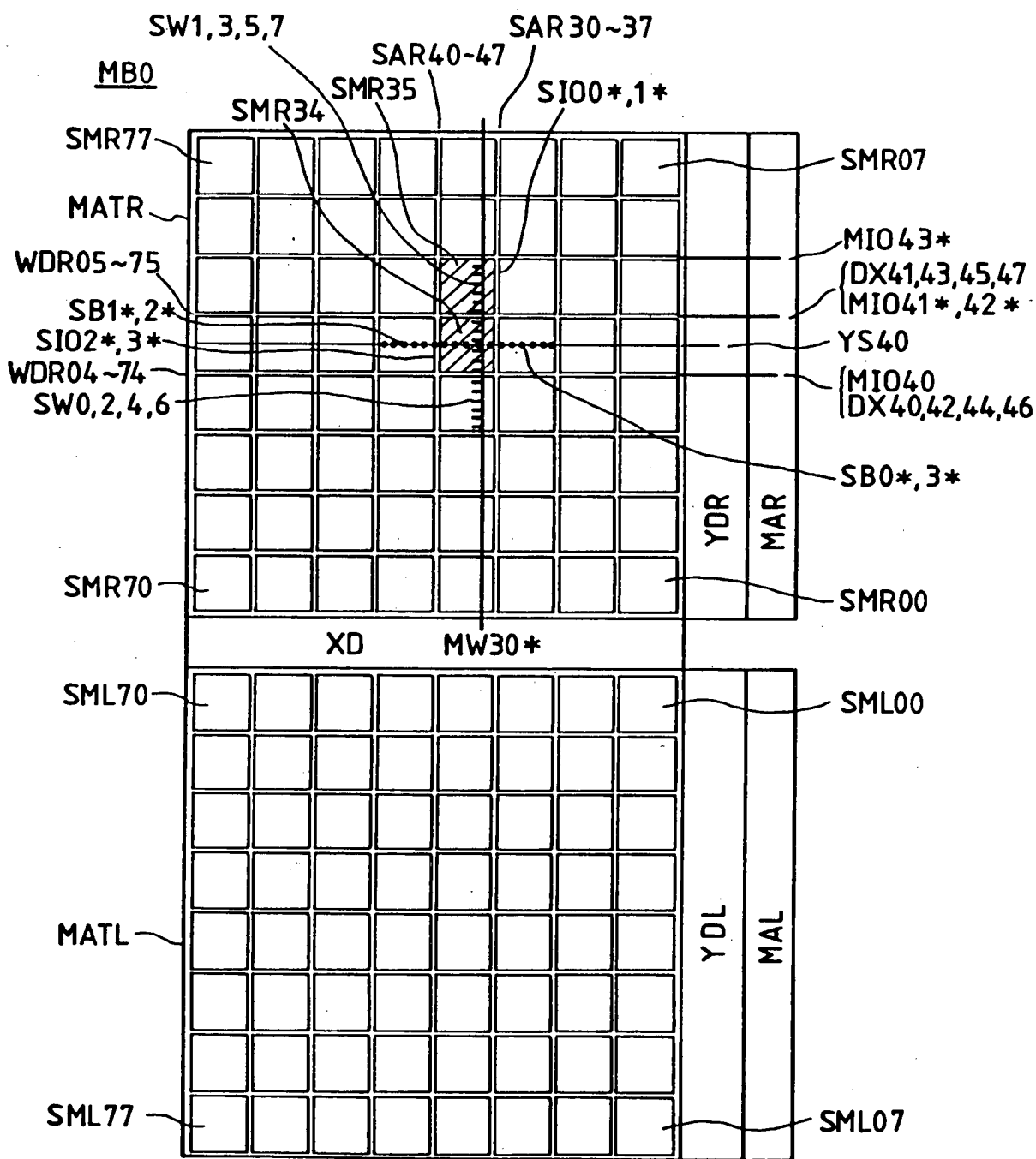


FIG. 4

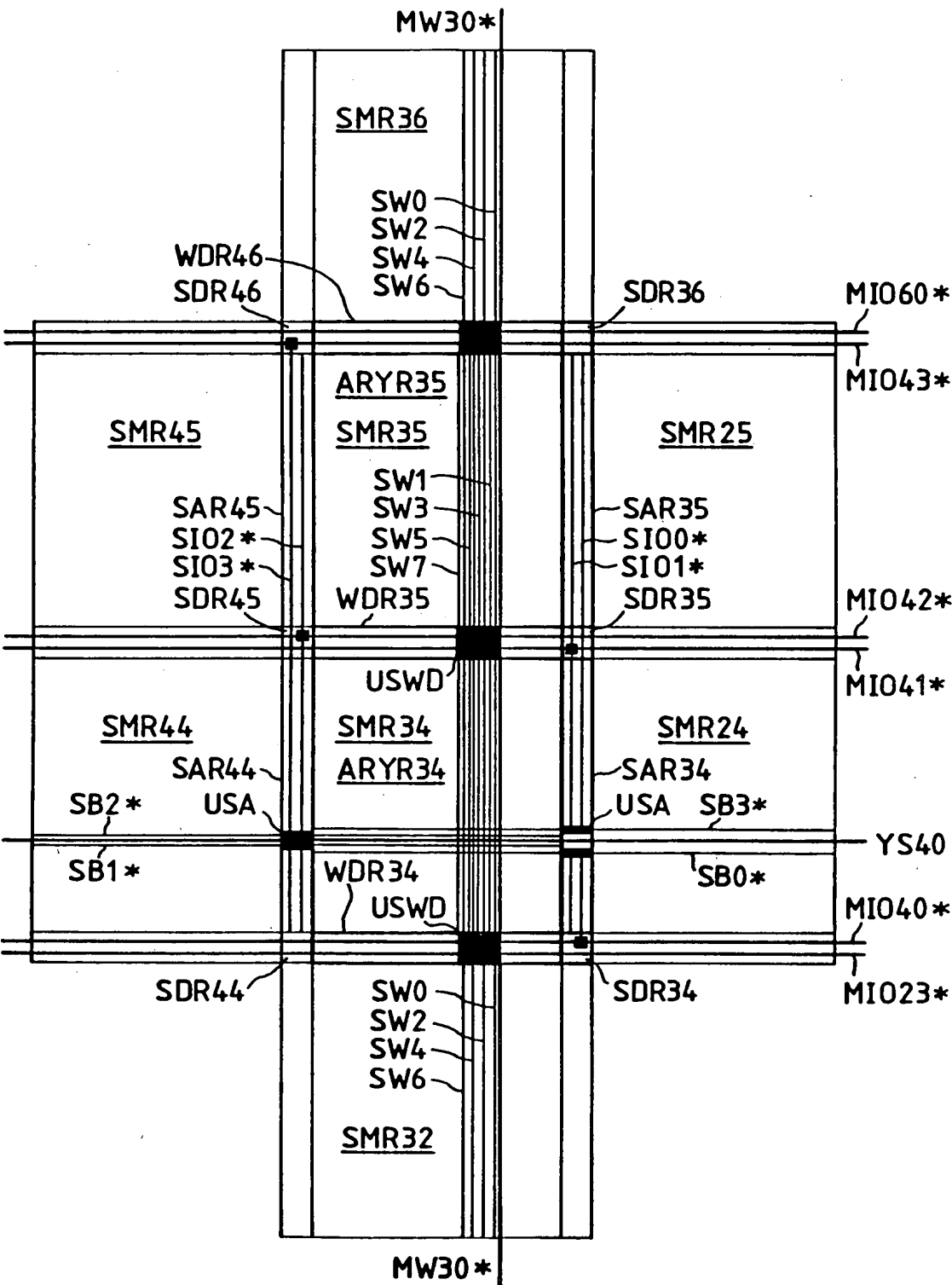


FIG. 5

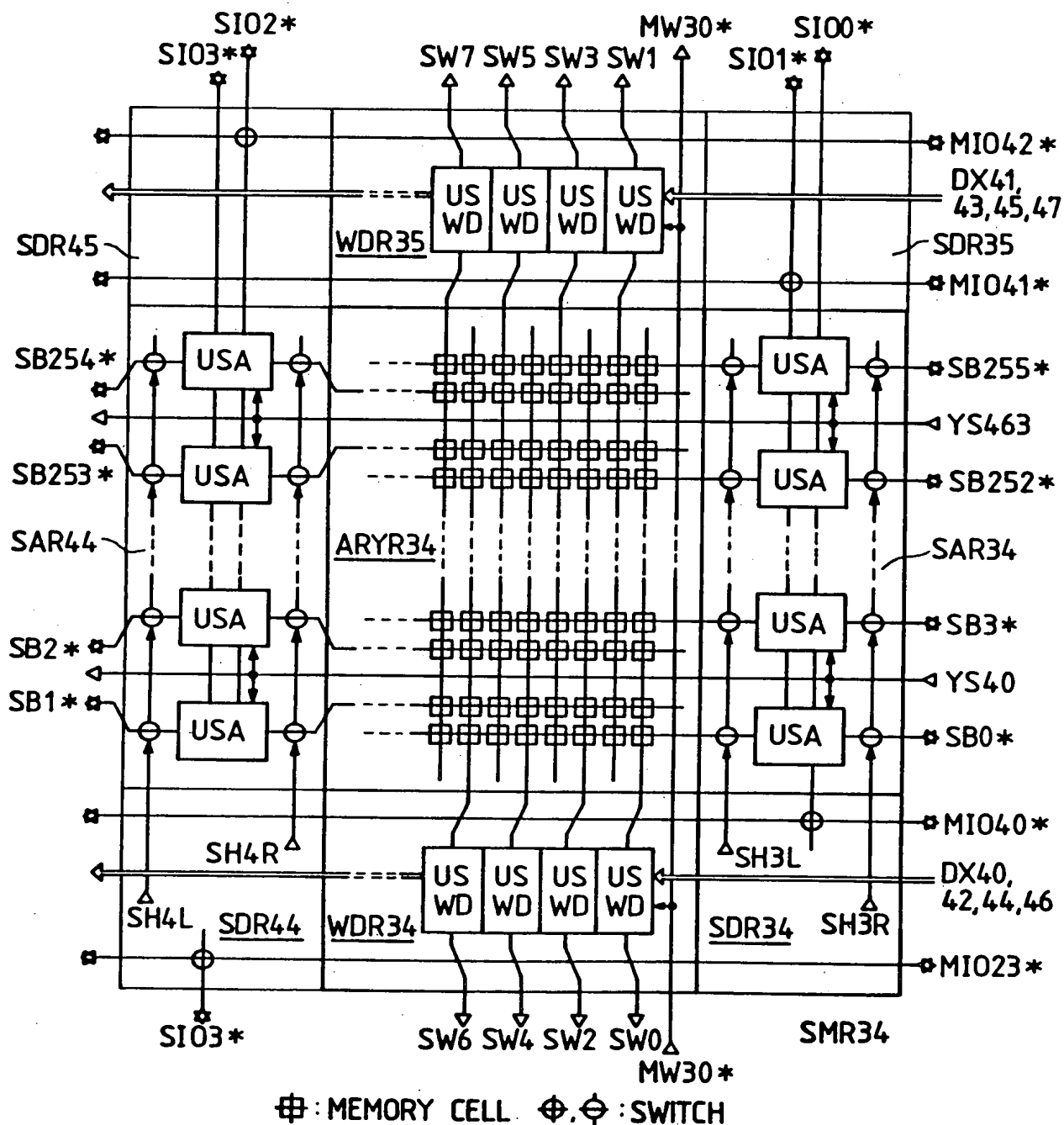


FIG. 6

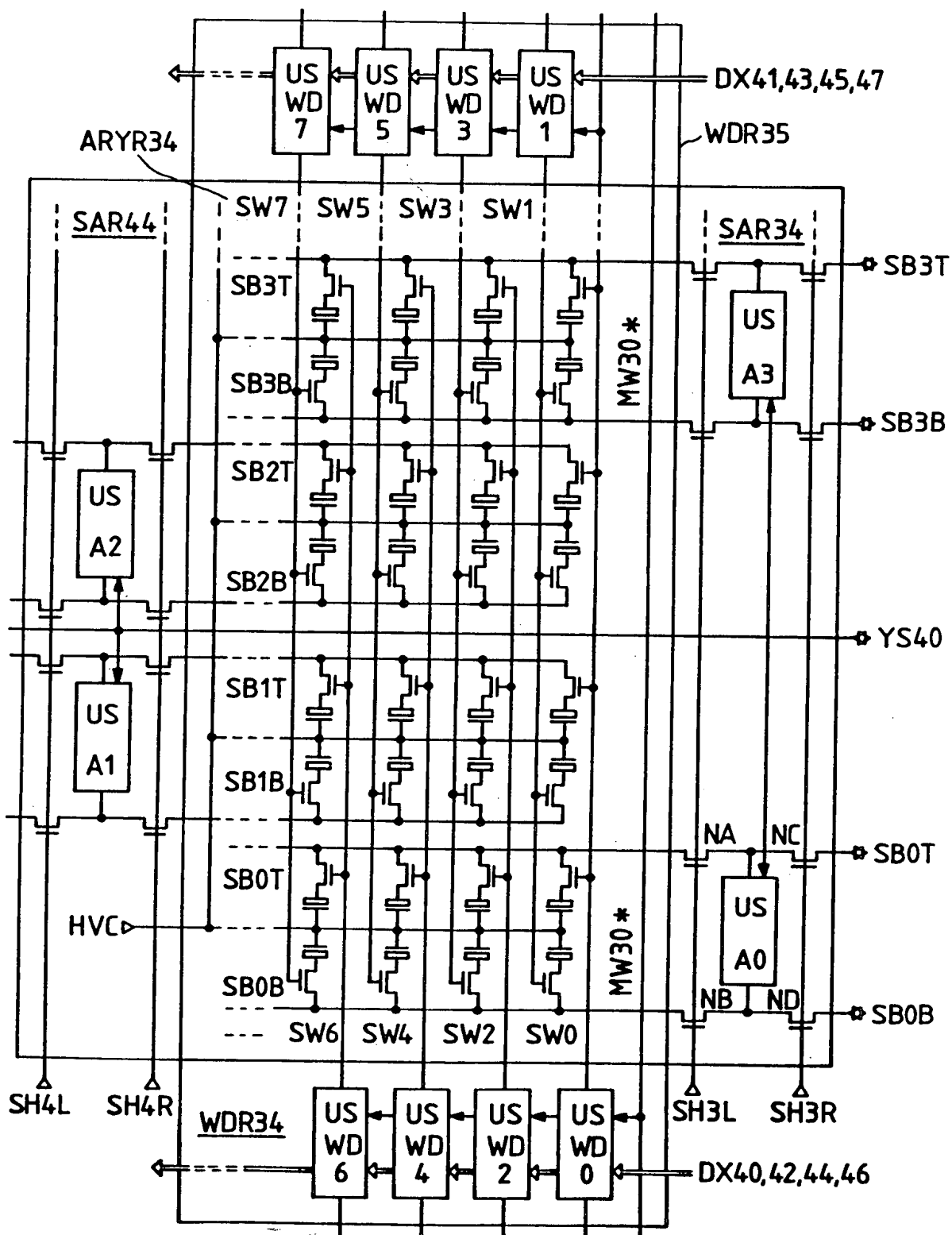


FIG. 7(A)

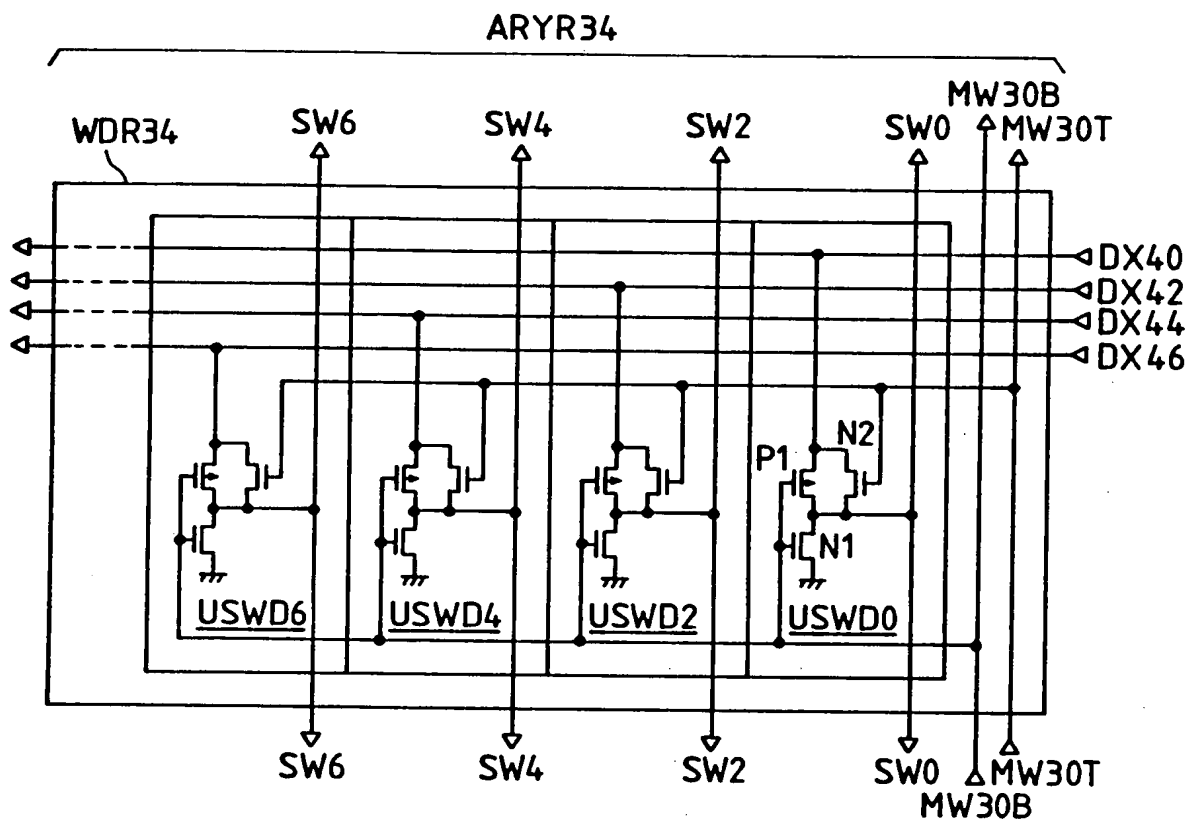
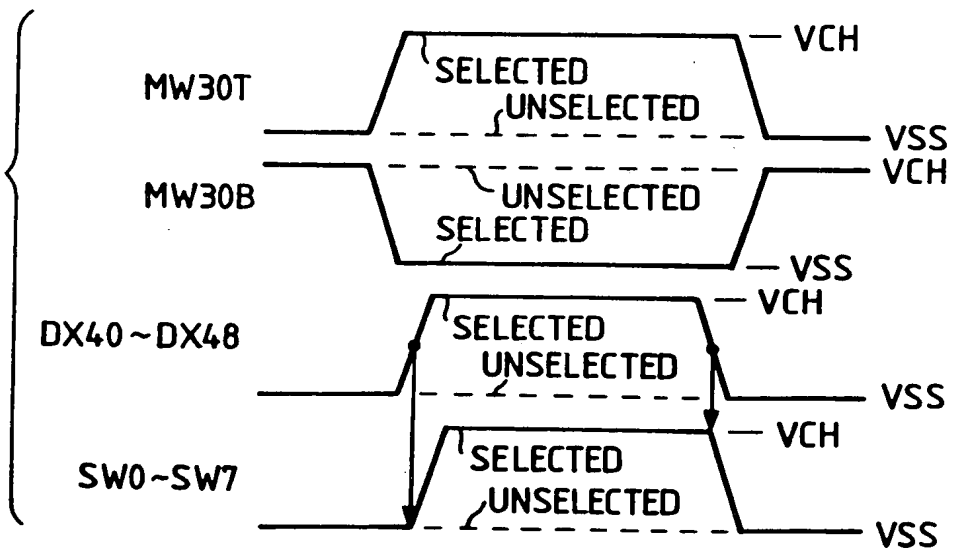


FIG. 7(B)



| | | |
|-----------|-----------|----------|
| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

FIG. 8(A)

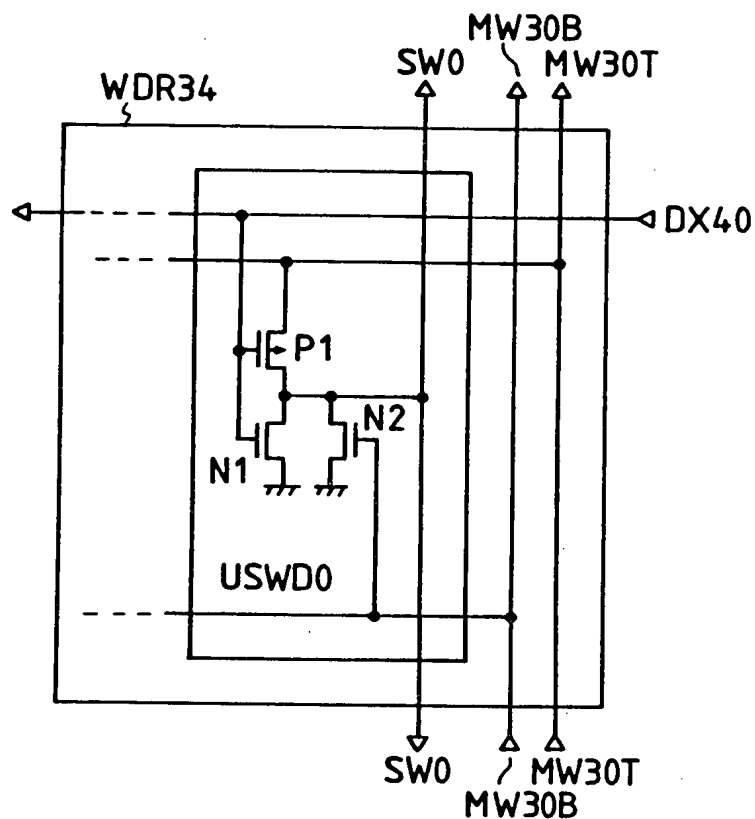


FIG. 8(B)

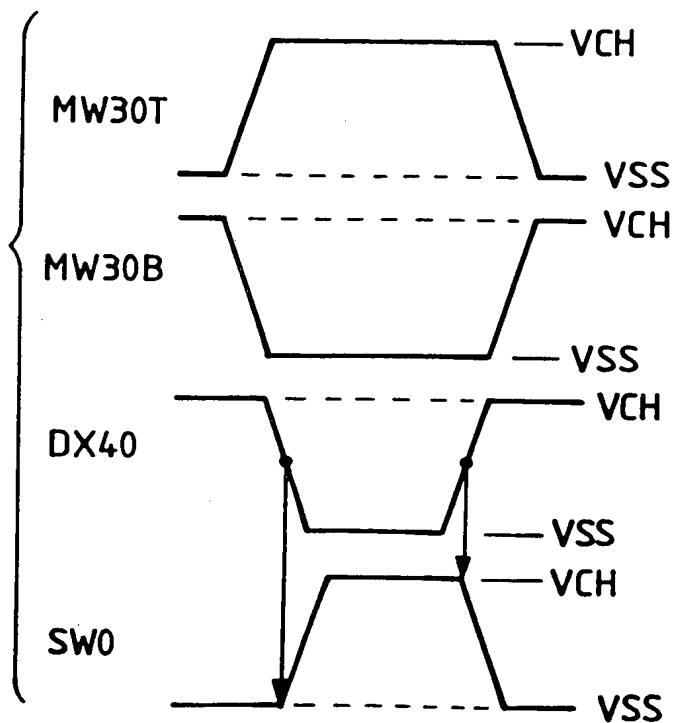


FIG. 9(A)

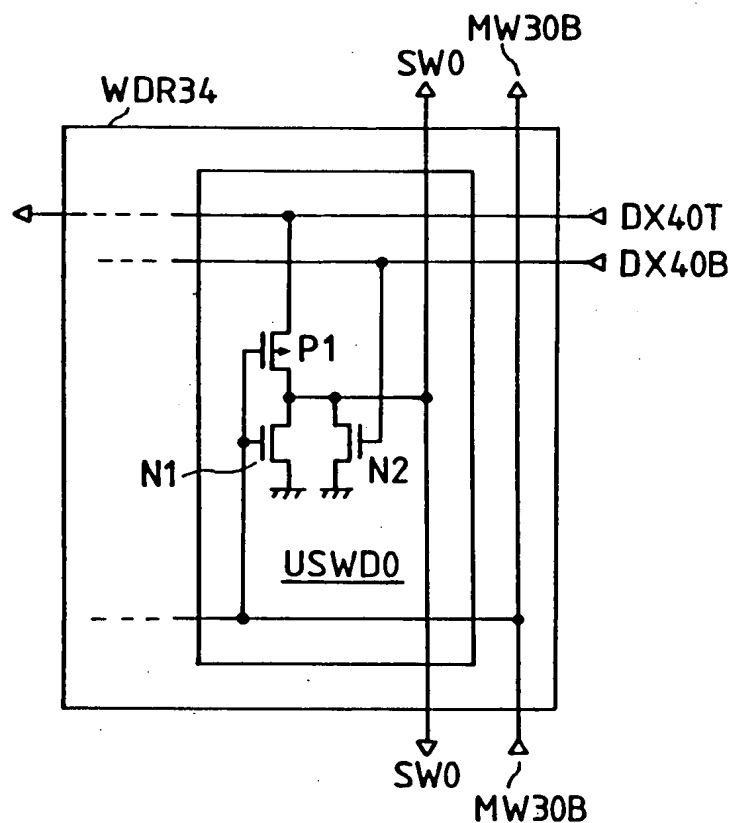


FIG. 9(B)

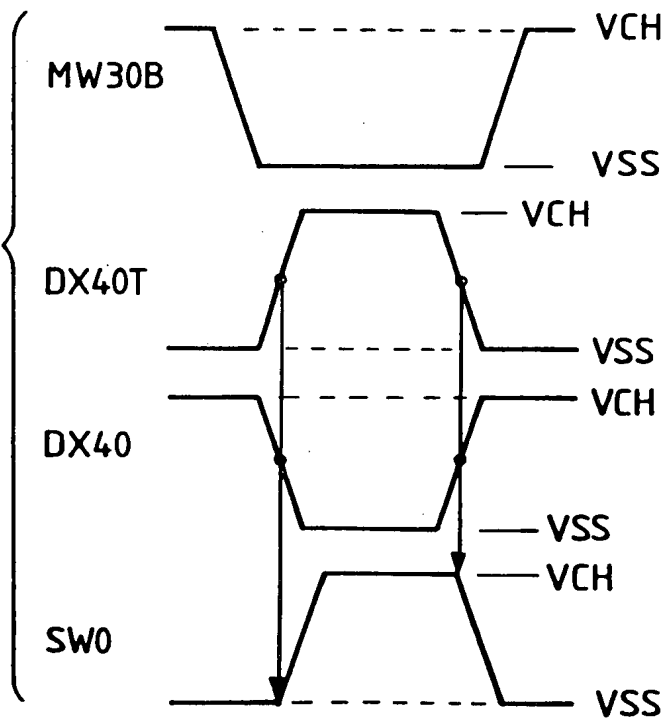


FIG. 10

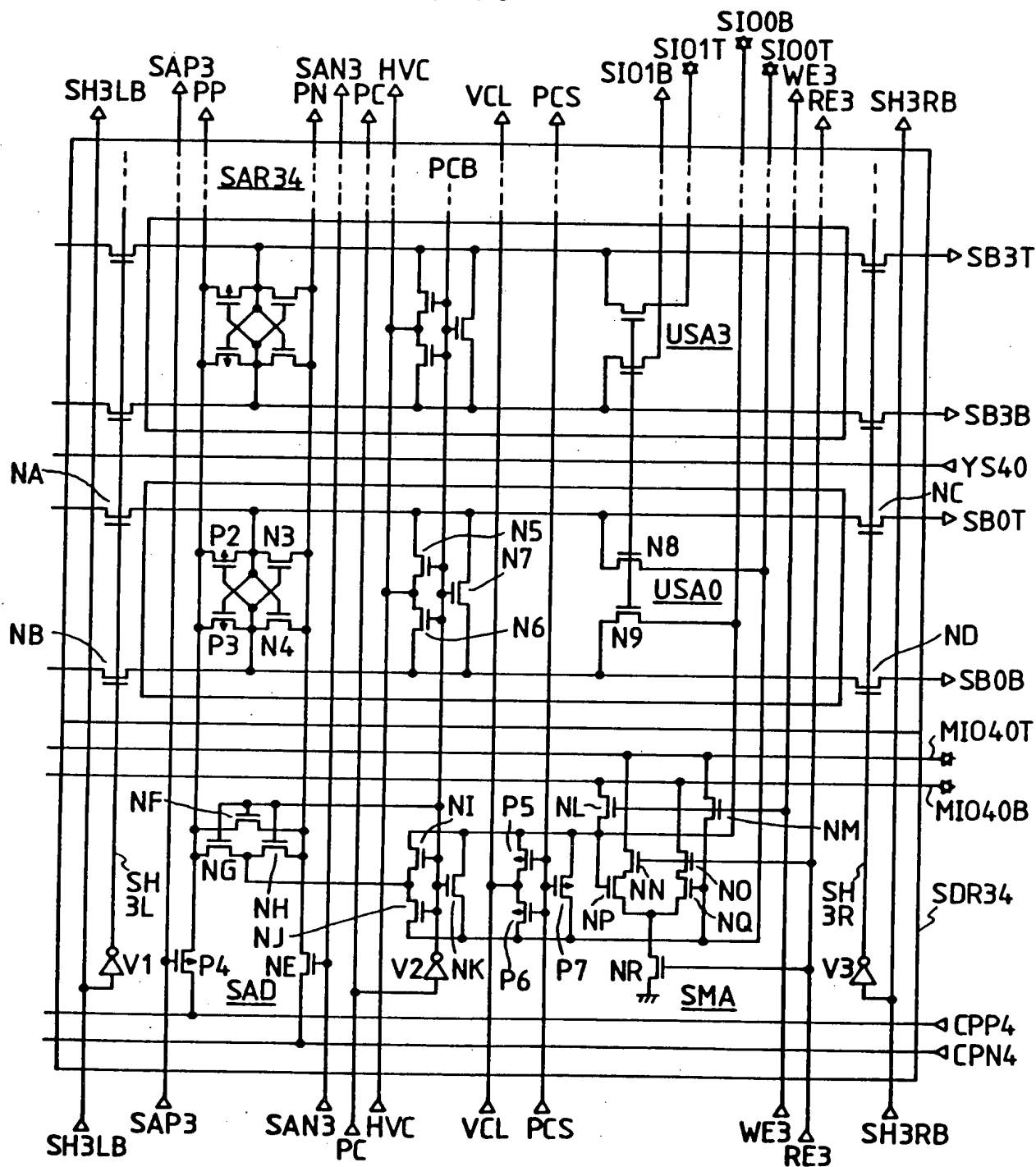


FIG. 11

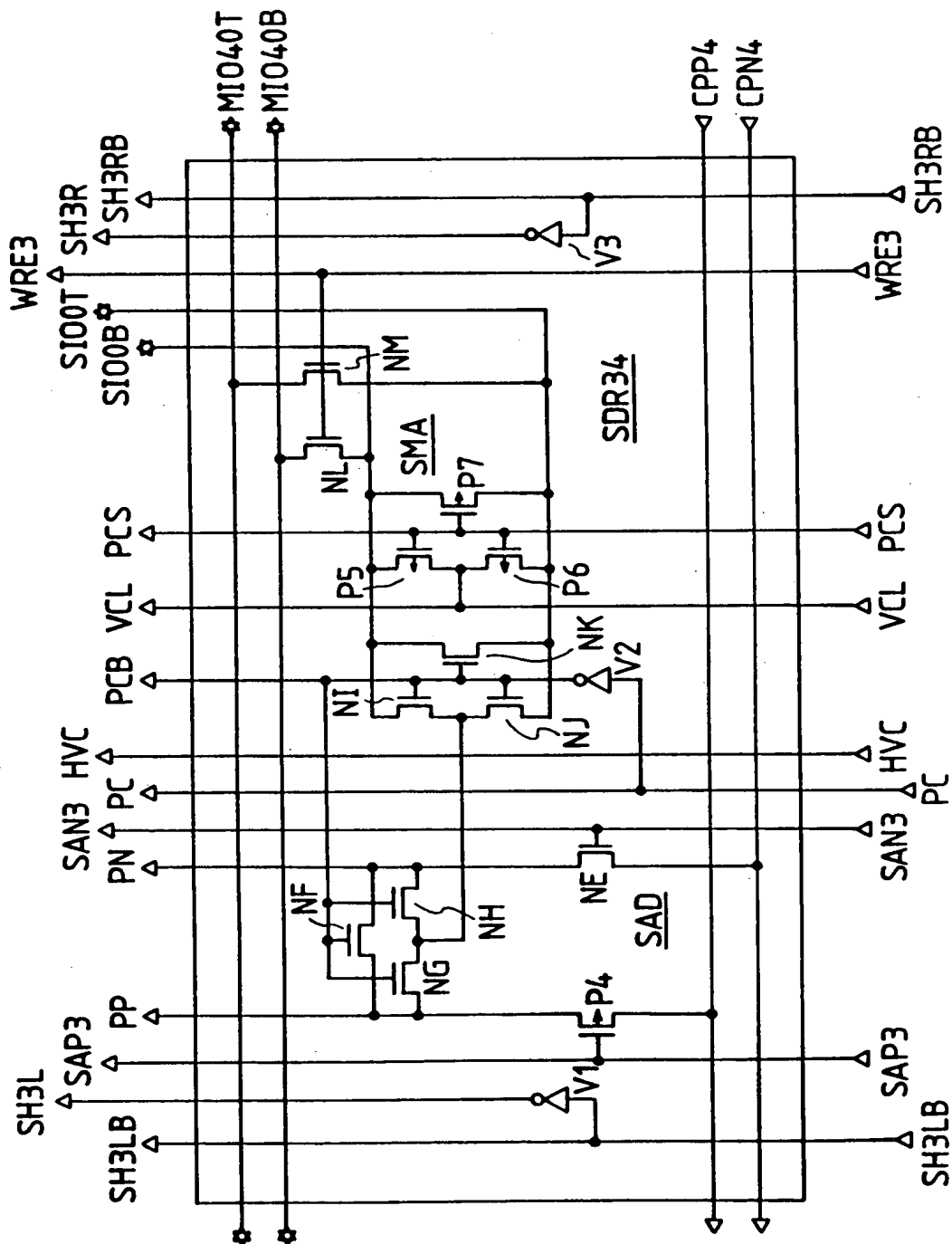


FIG. 12

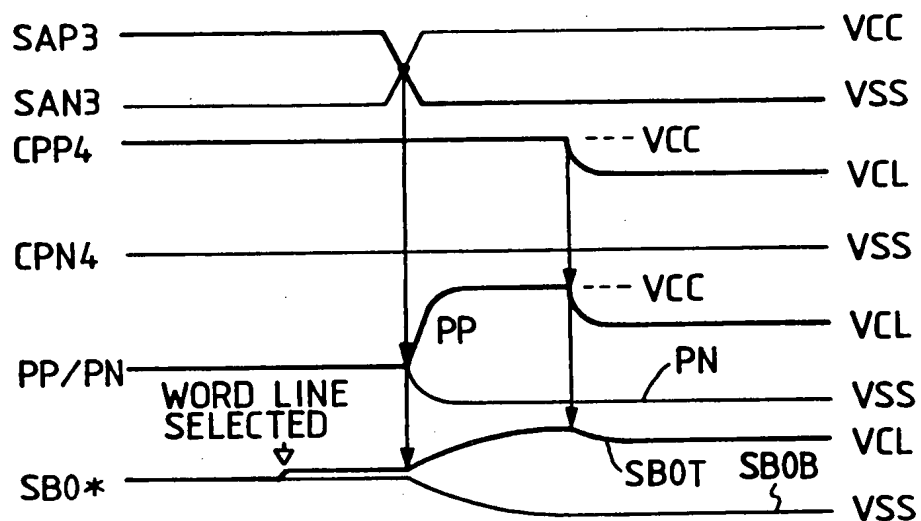
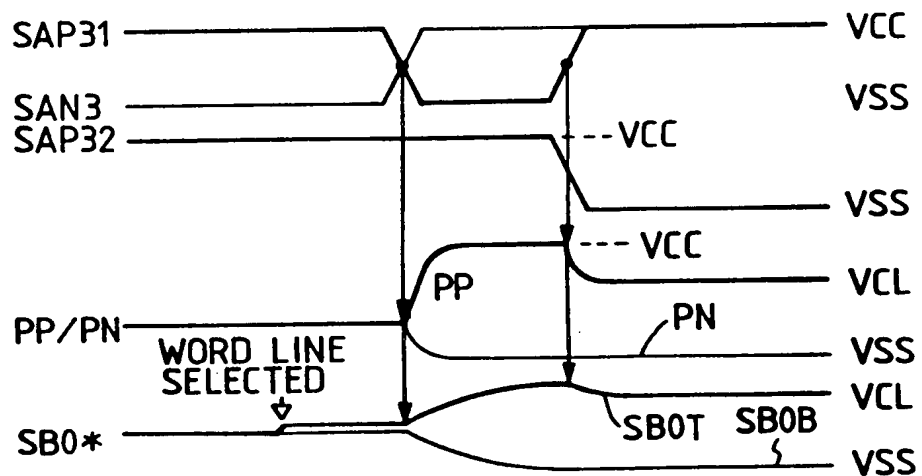
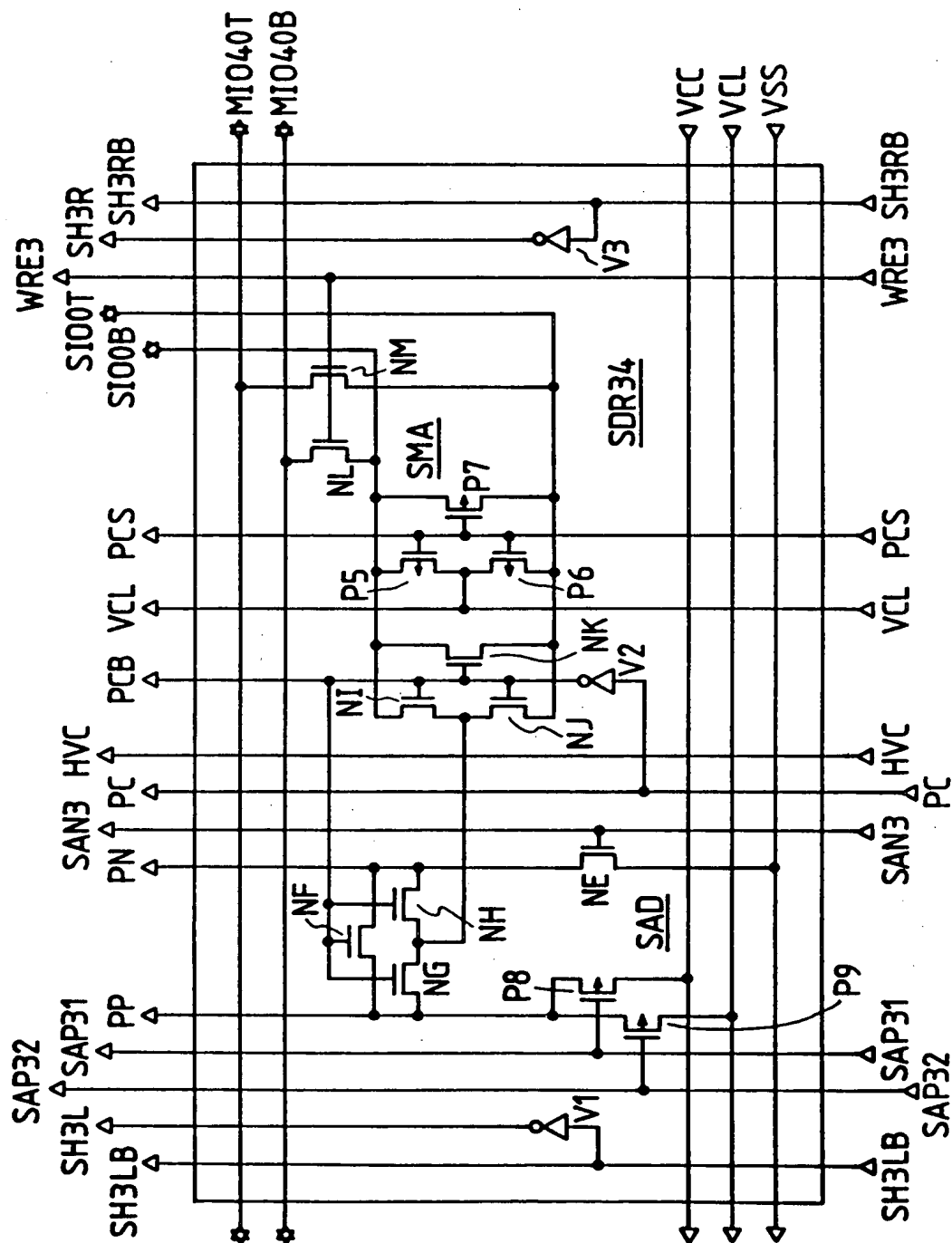


FIG. 14



| | | |
|-----------|-----------|----------|
| APPROVED | C.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

FIG. 13



| | | |
|-----------|-----------|----------|
| APPROVED | C.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

FIG. 15

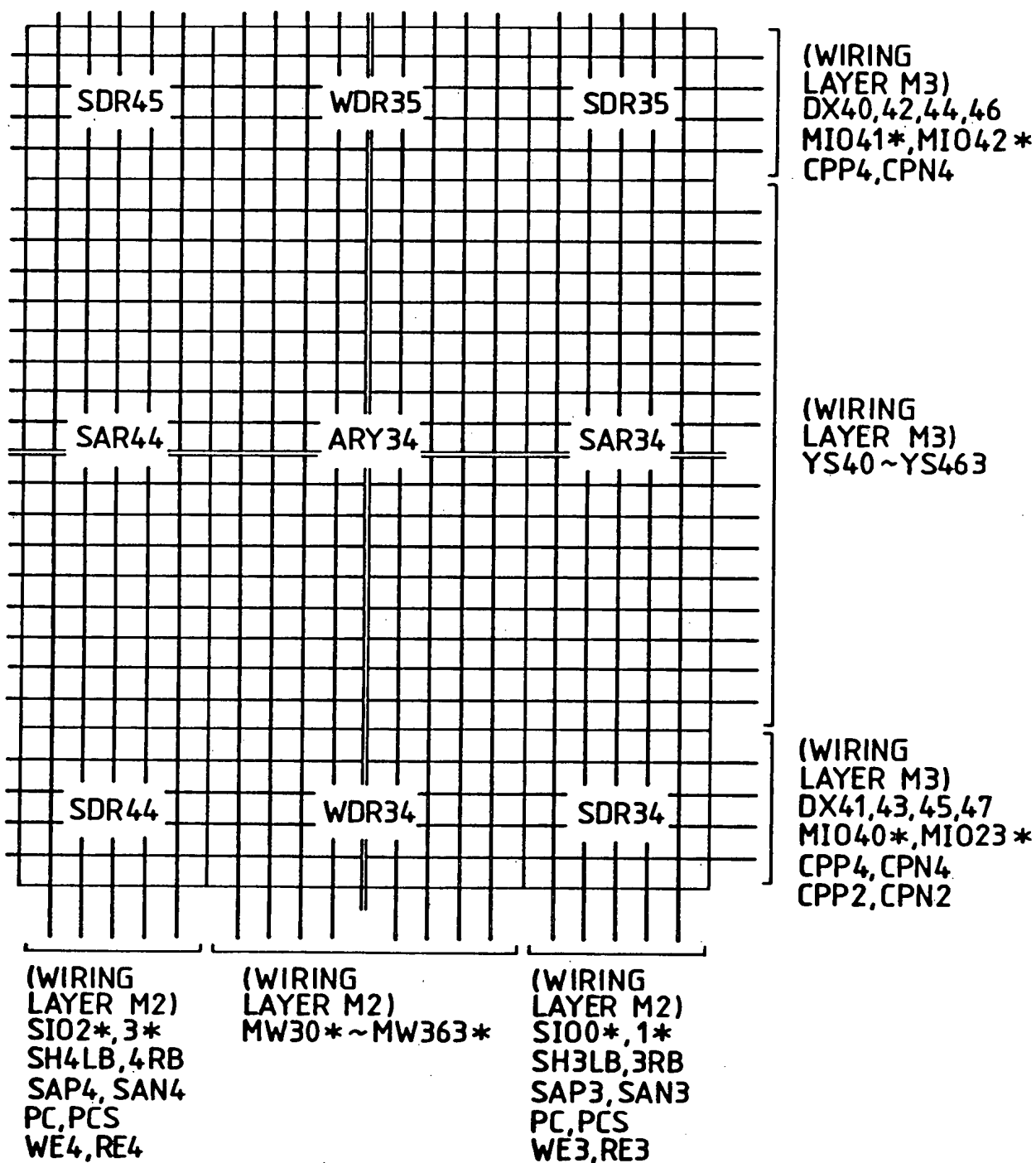


FIG. 16

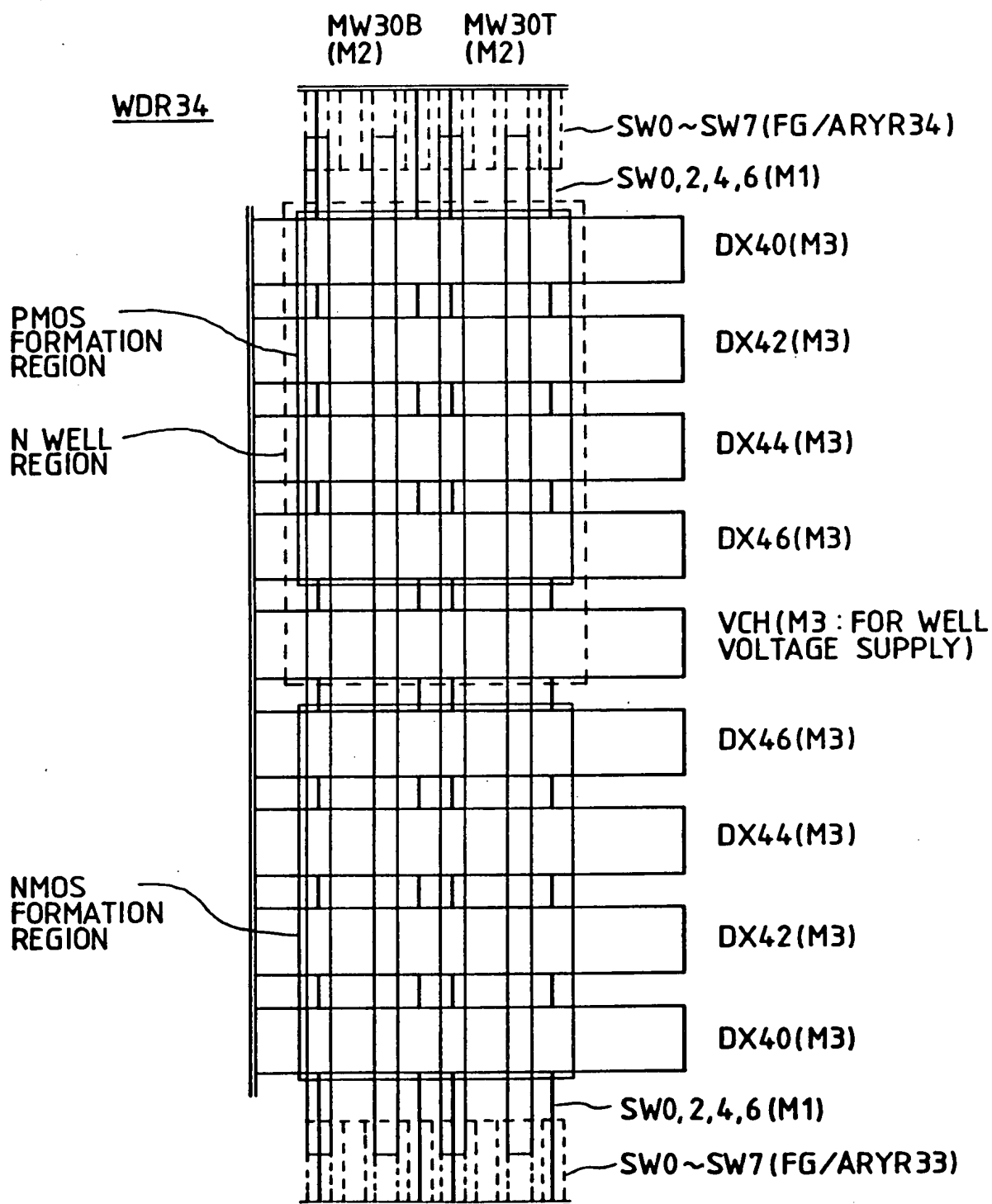


FIG. 17

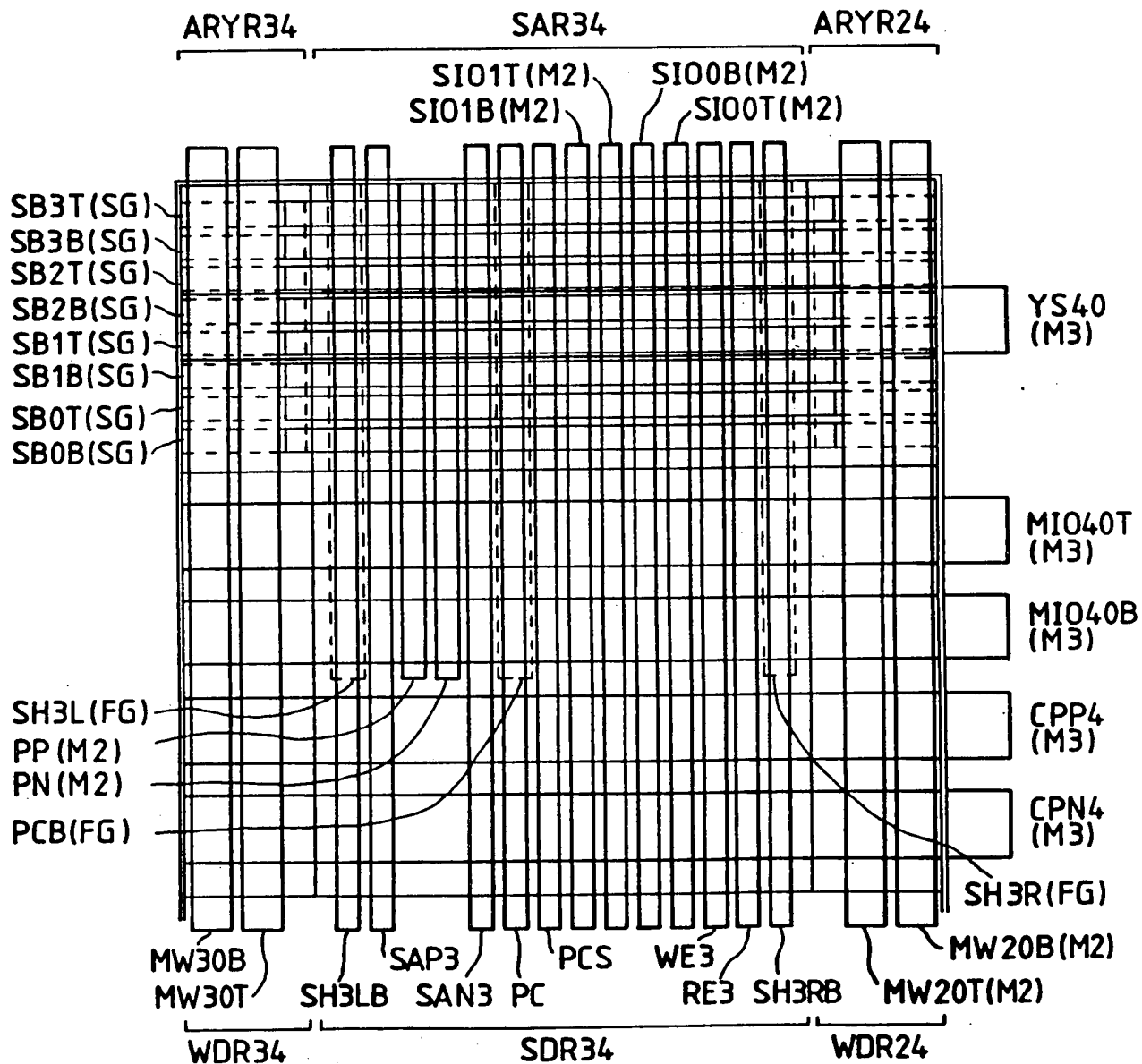
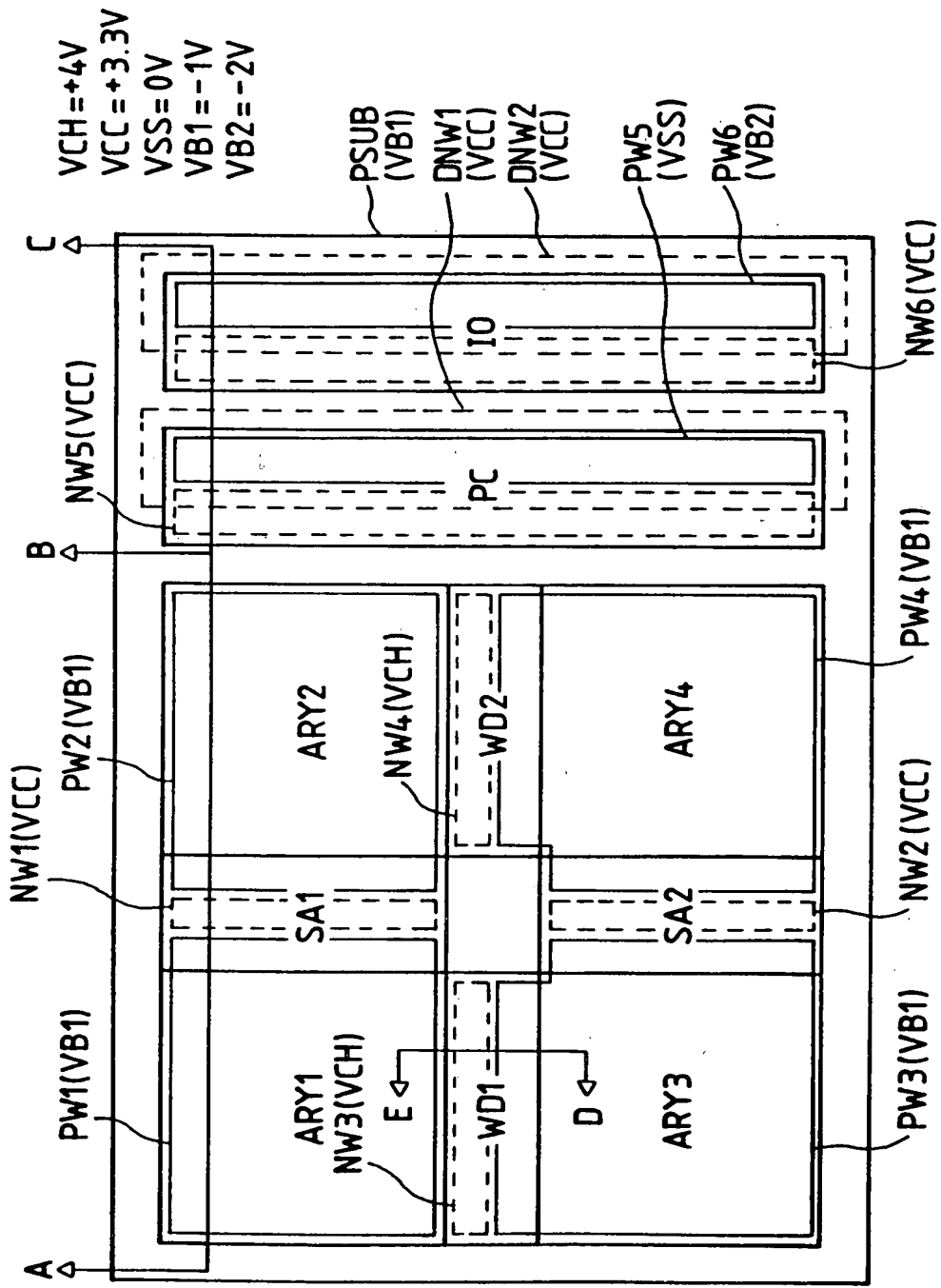


FIG. 18



| | | |
|-----------|-----------|----------|
| APPROVED | C.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

FIG. 19

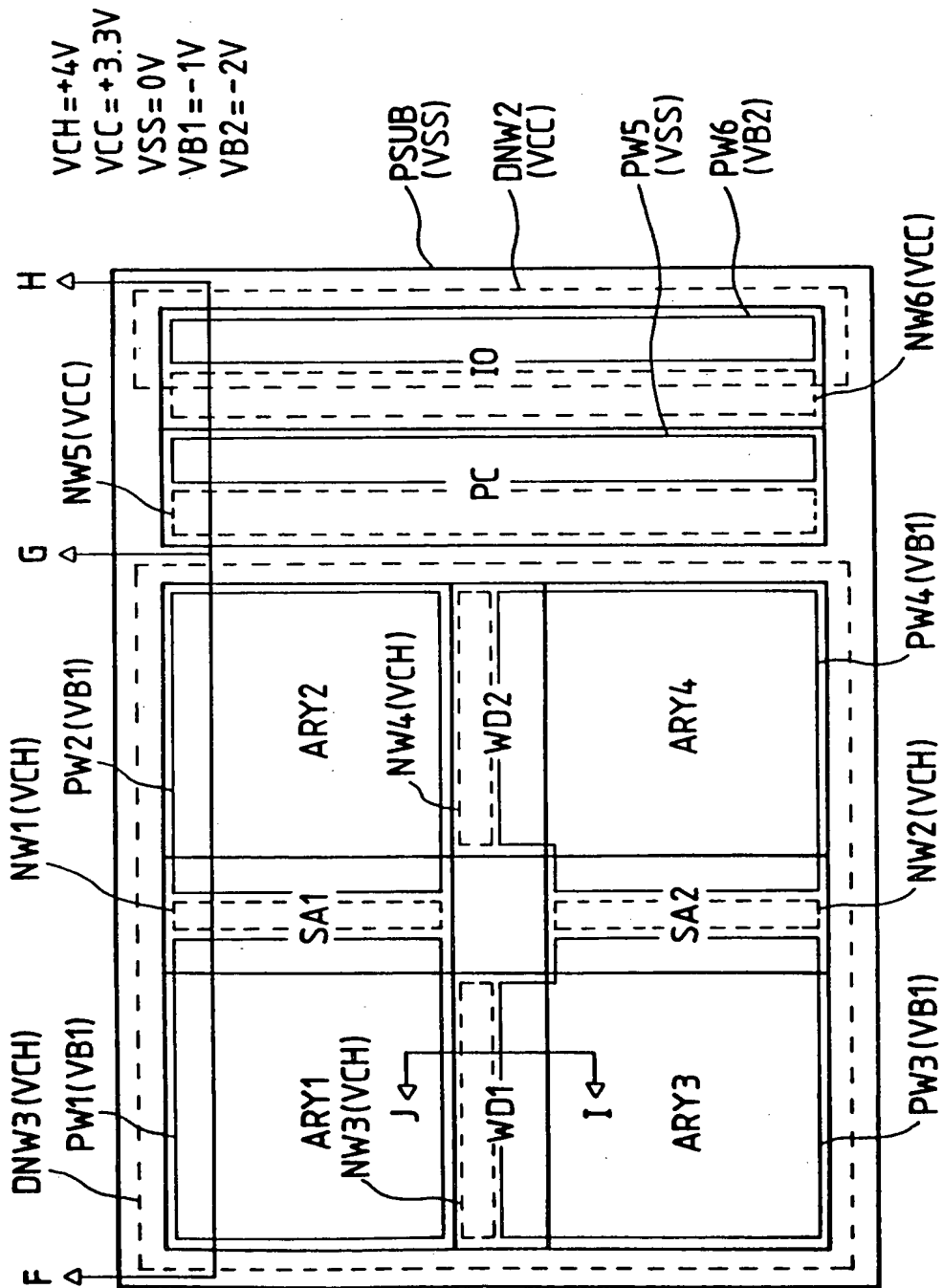


FIG. 20

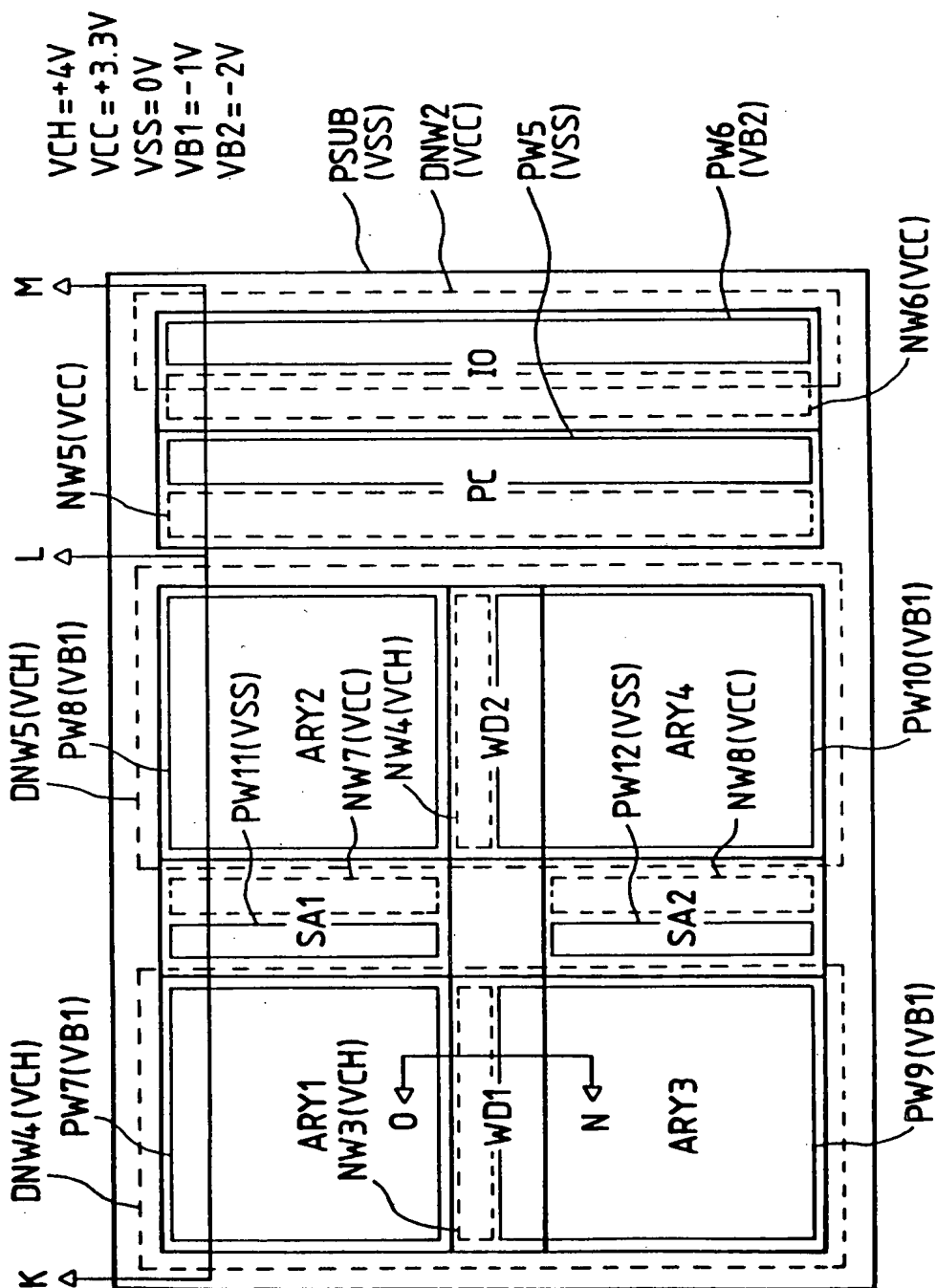


FIG. 21(A)

CROSS-SECTION TAKEN ON LINE A-B

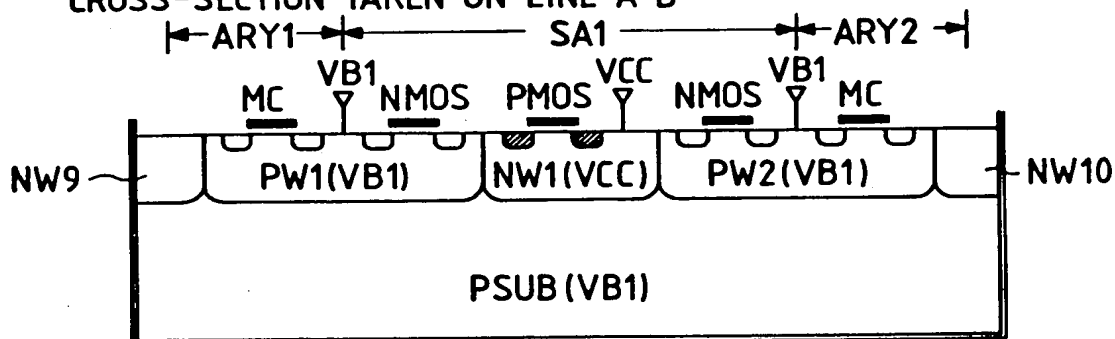


FIG. 21(B)

CROSS-SECTION TAKEN ON LINE B-C

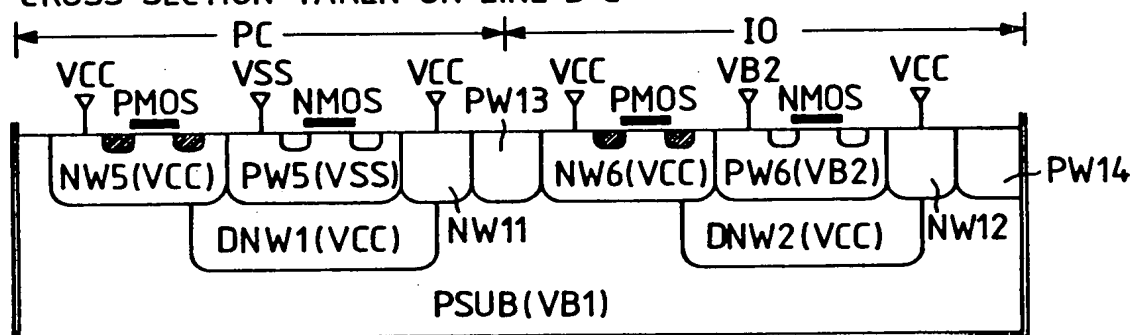
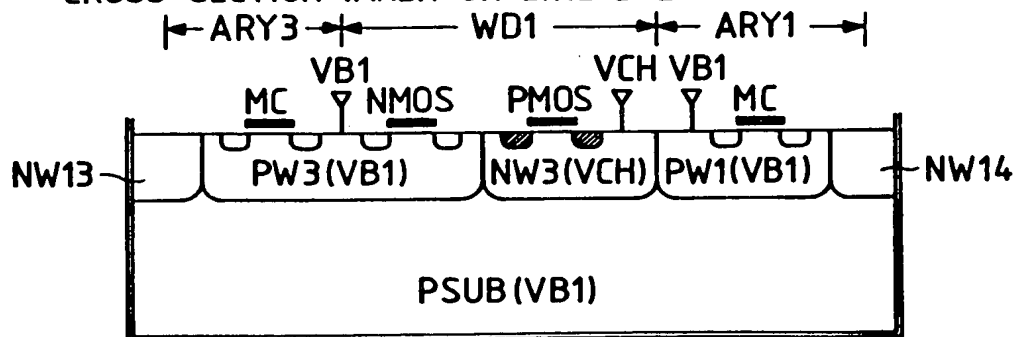


FIG. 21(C)

CROSS-SECTION TAKEN ON LINE D-E



 : P⁺ DIFFUSION LAYER
  : N⁺ DIFFUSION LAYER

$V_{CH}=+4V$ $V_{CC}=+3.3V$ $V_{SS}=0V$ $V_{B1}=-1V$ $V_{BB}=-2V$

FIG. 22(A)

CROSS-SECTION TAKEN ON LINE F-G

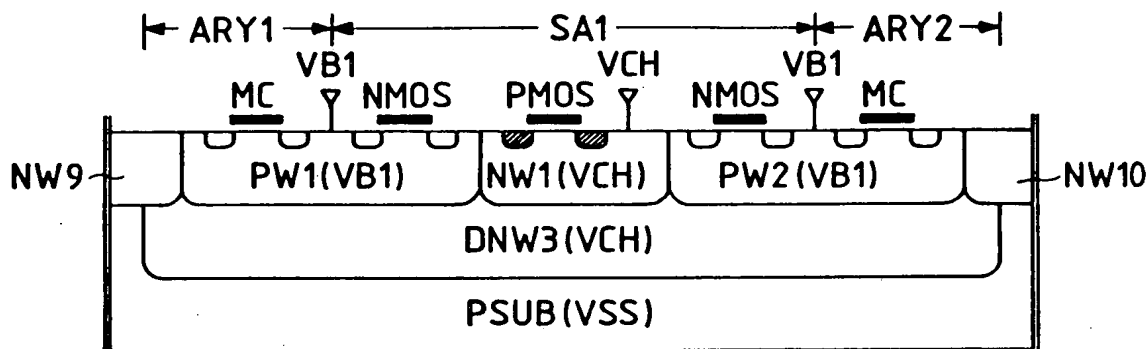


FIG. 22(B)

CROSS-SECTION TAKEN ON LINE G-H

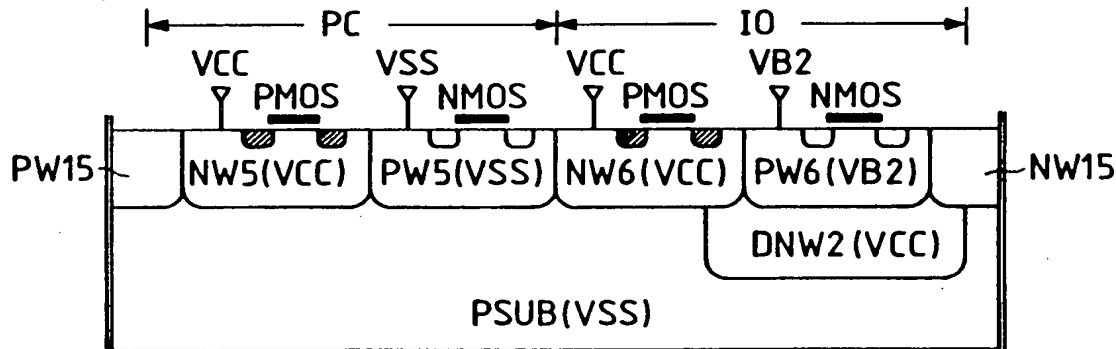
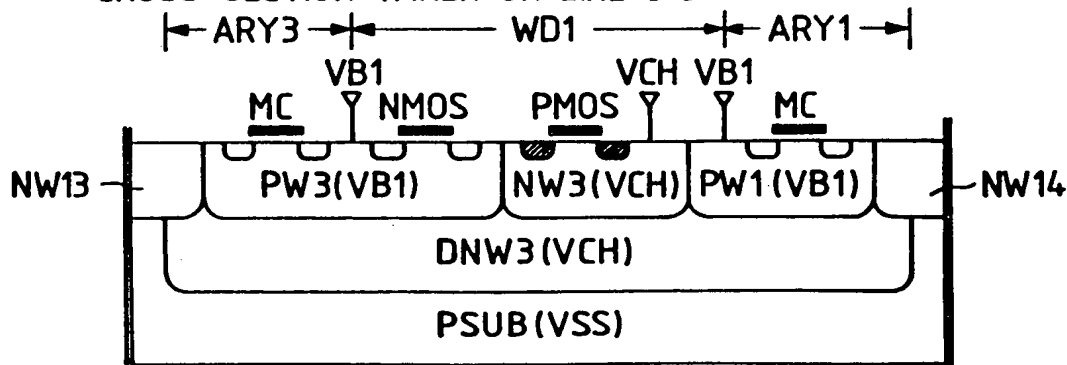




FIG. 22(C)

CROSS-SECTION TAKEN ON LINE I-J



 : P⁺ DIFFUSION LAYER
  : N⁺ DIFFUSION LAYER

VCH = +4V VCC = +3.3V VSS = 0V VB1 = -1V VBB = -2V

